NITESCU, I.I.; GABRIELESCU, Elena; CLEJAN, L.; BORDEIANU, Aurelia; NICOLAU, Vantita.

Influence of avitaminosis B_1 upon the reaction of the vital coloration of brain. Studii cerc fiziol 4 no.4:441-448 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redectie, Studii si cercetari de fiziologie (for Nitescu)
(DEFICIENCY DISEASES)
(BRAIN)
(COLOR)
(THIAMINE)
(METHYLENE BLUE)
(NEUTRAL RED)

BENETATO, Gr., acad.; GABRIELESCU, Elena; PARTENI, Lucia; BOROS, I.; BORDEIANU, Aurelia

New contributions to the study of the cerebral histochemistry and biochemistry in the experimental allergic encephalomyelitis. Studii cerc fiziol 5 no.1:9-27 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Redactor responsabil, Studii si cercetari de fiziologie (for Benetato)

(HISTOCHEMISTRY)
(BIOCHEMISTRY)
(ENCEPHALOMYELITIS)
(ALLERGY)
(METABOLISM)
(PROTEINS)

STERESCU, N.: GABRIELESCU, Elena; BORDEIANU, Aurelia

Influence of the physical effort on the development of the experimental goiter with the aid of synthetic antithyroid preparations. Studii cerc fiziol 5 no.1:247-254 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii si cercetari de fiziologie (for Sterscu)
(GOITER) (METHYLTHIOURACIL) (THYROID GLAND)

GABRIELESCU, Elena; TEODORINI, Sanda; IONESCU, V.; BORDEIANU, Aurelia

Histochemical changes of the carbohydrates in the superior cervical ganglion during the phases of functional stimulation. Rev. sci. med. 5 no.3/4:153-156 '60.
(GANGLIA AUTONOMIC chem.) (CARBOHYDRATES chem.)
(ELECTROPHYSIOLOGY exper.)

VASILESCU, V.; GABRIELESCU, Elena; BORDEIANU, Aurelia; SUHACIU, Gh.

Some hypothalamohypophysial modifications in the course of hepatic regeneration. Studii cerc fiziol 5 no. 4:671-678 '60.

(1. Liver) (2. Hypothalamus)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Membru a Comitetului de redactie, redactor responsabil adjunct "Studii si cercetari de fiziologie" (for Vasilescu).

GABRIELESCU, Elena; HORDEIANU, Aurelia; STERESCU, N.

Histochemistry of thyroid proteins in the acute and chronic effort; histophotometric determinations. Studii cerc fiziol 5 no. 4:747-757 '60.

(1. Protein metabolism 2. Thyroid gland)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Membru a Comitetului de redactie "Studii si cercetari de fiziologie" (for Sterescu).

BENETATO, Gr., acad.; GABRIELESCU, Elena; BORDEINAU, Aurelia

Cytochemical changes in the neurologia during the process of allergic demyelination. Rumanian M Rev. no.1:73-84 Ja-Mr '61.

1. The "Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R., Director: Acad. Prof. Gr. Benetato.
(ENCEPHALOMYELITIS experimental) (NEUROLOGIA chemistry)
(ALLERGY experimental) (PROTEINS chemistry)
(MUCOPOLYSACCHARIDES chemistry)

GABRIELESCU, Elena; BORDEIANU, Aurelia; STERESCU, N.

Influence of physical effort on the thyroid histochemical substratum of the rats treated with methylthiouracil. Studii cerc fiziol 6 no.1:99-106 '61. (EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2.Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Steresou).

(HISTOCHEMISTRY) (THYROID GLAND) (METHYLTHIOURACIL)

VASILESCU, V.; GABRIELESCU, Elena; BORDEIANU, Aurelia; SUHACIU, G.

A study of certain hypothalmo-hypophyseal changes in the course of hepatic regeneration. Rumanian M Rev. no.1:276 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R., Director: Acad. Gr. Benetato.
(HYPOTHALAMUS pathology) (PITUITARY GLAND, ANTERIOR pathology)
(LIVER surgery)

BENETATO, Gr., acad.; GABRIELESCU, Elena; BORDEIANU, Aurelia

Cytochemical modifications of the neuroglia during the process of allergic demyelination. Studii cerc fiziol 6 no.1:9-18 (61.
(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2.Redactor responsabil, "Studii si cercetari de fiziologie"(for Benetato).

(CELLS) (NEUROGLIA) (DEMYELINATION) (ALLERGY)

BENETATO, Gr., prof.; GABRIELESCU, Elena; PARTENI, Lucia; BORDEIANU, Aurelia; BOROS, I.

Bio- and histochemical investigations on neuraxial proteins in experimental allergic demyelinating encephalomyelitis. Rumanian med. rev. no.8:3-18 '62.

(ENCEPHALOMYELITIS) (DEMYELINATION) (PROTEINS) (CENTRAL NERVOUS SYSTEM)

BENETATO, G., akademik (Bukharest); GABRIYELESKU, Yelena[Gabrielescu, Elena] (Bukharest); PARTENE, Luchiya [Partene, Lucia] (Bukharest); BORDEYANU, Aureliya [Bordeianu, Aurelia] (Bukharest); BOROSH [Boros] (Bukharest)

Bio- and histochemical study of nerve fiber proteins (neuraxial) in experimental allergic demyelinating encephalomyelitis. Pat. fiziol. i eksp. terap. 7 no.6:3-10 N-D '63. (MIRA 17:7)

GABRIELESCU, Elena; BORDEIANU, Aurelia

The histochemistry of liver proteins in chronic hepatopathies.
Rev. sci. med. 8 no.3/4:117-121 '63.

(LIVER CIRRHOSIS) (HEPATITIS) (LIVER)
(HISTOCHEMISTRY) (PATHOLOGY) (NUCLEOPROTEINS)
(PEPTIDE HYDROLASES)

GABRIELESCO, Elena; BORDEIANU, Aurelia

Histochemistry of hepatic proteins studied on normal and pathological human biopsy material. Folia histochem. cytochem. (Krakow) 3 no.2:143-148 '65.

1. D. Danielopolu Institute of Normal and Pathological Physiology, Academy of Sciences, Bucharest, Romania.

BENETATO, Gr.; GABRIELESCU, Elena; STOIENESCU, Lidia; BORDEIANU, Aurelia

Histochemistry of proteases of the nervous system during the process of stimulation. Stud. cercet. fiziol. 10 no.1:3-12 '65.

BENETATO, Gr., acad.; GABRIELESCU, Elena; NECULAU, Vantita

Changes in hypothalamo-hypophyseal neurosecretion in experimental allergic demyelinizing encephalomyelitis. Fiziol. norm. pat. 11 no.3:217-222 My-Je '65.

1. Institutul de fiziologie normala si patologica "D. Danielopolu" al Academiei R.P.R., Bucuresti.

NICOLAESCU, T., dr.; GABRIELESCU, Elena, dr.; GHIZARI, Eugenia, chim.; STOICULESCU, P., dr.; BITTMAN, E., dr.; BORDEIANU, Aurelia, dr.

Aspects of protein metabolism of the liver during regeneration after chronic liver diseases. Med. intern. (Bucur) 17 no.2: 199-207 F'65.

1. Lucrare efectuata in Sectia clinica a Institutului de fiziologie normala si patologica "D. Danielopolu" al Academiei Republicii Populare Romine (director: acad. Gr. Benetato).

GABRIELESCU, V., ing.

Protection of measuring apparatus against external agitation.
Metrologia apl 8 no.1:8-16 Ja-Mr '61.

GABRIELESCU, Vasile

Study of ramming piles into the ground. Studii cerc mec apl 14 no.2:447-465 '63.

1. Ministerul Transporturilor - Institutul de proiectari, transporturi si telecomunicatii.

GABRIELI, M.

Price and the efficiency of new agricultural machinery. Vop. ekon. no.7:59-69 Jl '63. (MIRA 16:8)
(Agricultural machinery—Prices)

GABRIELOV, L.B.

Sixty glorious years. Gor. khoz. Mosk. 37 no.7:1-3 Jl '63.
(MIRA 16:11)

V.M. Gabrielov; obituary. Energ.stroi. no.30896 '62. (MIRA 16:2)

(Gabrielov, Vasilii Mikhailovich, 1903-1962)

HANZLIKOVA, Eva, dr.; ROTH, Zdenek, dr.; GABRIELOVA, Nadezda, promovany geolog.

A note to the stratigraphy and occurence of the Tertiary autochthonous sediments of the Bohemian Massif in the substratum of the Moravia-Silesian Beskids. Geol. sbor. 14 no.1: 193-207 '63.

1. Central Geological Institute, Praha, 1, Hradebni 9.

CZECHOSLOVAKIA

GABRIELOVA, N.

Prague, Vestnik Ustredniho Ustavu Geologickeho, No 1, 1963, pp 23-29

"Palynological Evaluation of the Boring GB-11 Domanin in the Trebon Basin and the Boring Be-13 Strpi in the Budejovice Basin."

GABRIELOVA, N.; MALECHA, A.; REHAKOVA, Z.; SLANSKA, J.

Further data on the geological position and age of the Zliv series of strata in south Bohemian basins. Vest Ust geol 39 no.4:243-250 '64.

1. Central Geological Institute, Prague.

DROZD, Wieslaw, mgr inz.; GABRIELOW, Franciszek, mgr inz.

Testing the corrosion resistance of steel construction materials under the conditions of winning natural gas. Nafta Pol 17 no.9: 250-254 S '61.

1. Instytut Metalurgii Zelaza, Gliwice.

GABRIELOW, Franciszek (Gliwice)

Economical corrosion resistant construction materials and possibilities of their application in the food industry. Przem spoz 16 no1:31-38 '62.

33959
P/039/62/000/002/001/001
D001/D101

18.8310

AUTHOR: Gabrielow, Franciszek, Master of Engineering

TITLE: The potential tendency to intercrystalline corrosion of structural steel clad with 1H18N9T steel

PERIODICAL: Hutnik, no. 2, 1962, 66-73

TEXT: The Instytut Metalurgii Żelaza (Institute of Iron Metallurgy) in Gliwice, Poland, undertook research on the causes of intercrystalline corrosion of clad structural steel. It has been established in earlier investigations and confirmed by recent research that cladding steel sensitivity to intercrystalline corrosion is caused by a decrease of Cr content in the intermediate phase between the base and cladding metal. During the heat treatment process, some carbon from the carbon steel base diffuses into the Cr-Ni cladding steel and forms chromium carbide, thus causing a chromium deficiency in the alloy below the limit of corrosion resistance. Chromium carbides are the weak spots easily corroded by various chemicals. The sensitivity of Cr-Ni steel to corrosion, caused by intercrystalline formation of chromium carbide, can be neutralized to some extent by super-

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The potential tendency ....

saturation or normalization at temperatures above 900-950°C. Because titanium has a higher affinity towards carbon, it readily combines with the carbon from chromium carbide to stable titanium carbide, thus restoring the chromium balance in the alloy. However, local heating caused by welding of such immunized cladding steel may reinduce sensitivity to intercrystalline corrosion. For an investigation of the aptitude of titanium-stabilized steel to intercrystalline corrosion, a fast laboratory test method of wide usage abroad was applied. The examined cladding steel was taken from a sample of base carbon steel type St 3S clad with 1H18N9T type stainless steel; a piece of 1H18N9T steel as furnished by the manufacturer was used as a reference sample. Both samples were treated by boiling in 65% HNO_3 in accordance with the Polish standard PN-58/H-04630, further in $Fe_2(SO_4)_3$ dissolved in 50% H_2SO_4 and in $CuSO_4$ dissolved in H_2SO_4. The progress of corrosion was assessed according to the Polish standard PN/H-04-600. The author concluded that austenitic Cr-Ni steel of the 18/8 type becomes susceptible to intercrystalline corrosion in the process of cladding and therefore can not be universally used for welded structures exposed to highly corrosive substances. However, it is usable in industries like food plants which process less aggressive materials. The diffusion of carbon from the base into the Cr-Ni cladding steel coat can be

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D001/D101

The potential tendency....

presented by insertion of a thin intermediate layer of metal in which carbon is not easily soluble, for instance Ni, or by using low-alloy steel instead of carbon steel for base metal. There are 7 figures, 3 tables, 10 Soviet-bloc and 3 non-Soviet-bloc references. The references to English language publications read as follows: Streicher M. A. ASTM Bulletin nr 229, p 77-86, 1958; Streicher M. A. Journal of the Electro-chemical Society, nr. 3, 106, p 161-180, 1959; Warren D. ASTM Bulletin nr 230, p 45-56, 1958.

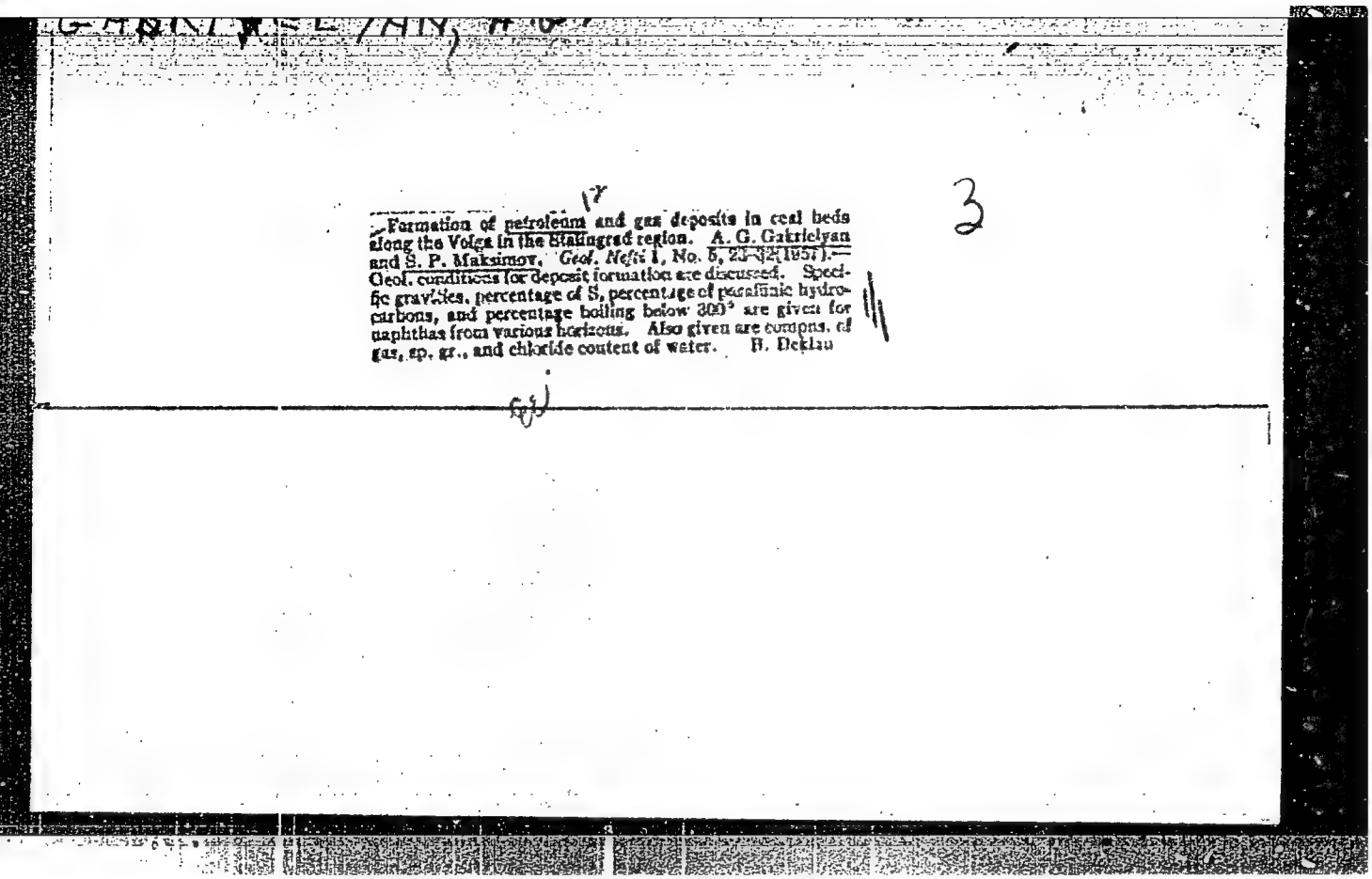
ASSOCIATION: Instytut Metalurgii Żelaza (Institute of Iron Metallurgy) Gliwice.

Card 3/3

SEYFUL'-MULYUKOV, R.B., st. nauchn. sotr., kand. geol.-miner. nauk; BROD, I.O., prof., red.; GABRIELYAN, A.G., red.; ROZANOV, L.N., red.;RUSAKOVA, L.Ya., ved. red.

[Materials on the tectonics of the lower Volga Valley; reports] Materialy po tektonike Nizhnego Povolzh'ia; doklady. Leningrad, Gostoptekhizdat, 1962. 262 p. (MIRA 17:11)

1. Konferentsiya po tektonike Nizhnego Povolzh'ya, Volgograd, 1961.



Formation of petroleum and gas deposits in coal beds along the Volga in the Stalingrad region. A. G. Gatrielyan and S. P. Maksimov. *Geol. Nefti* 1, No. 5, 23-32(1957).—Geol. conditions for deposit formation are discussed. Specific gravities, percentage of S, percentage of paraffinic hydrocarbons, and percentage boiling below 300° are given for naphthas from various horizons. Also given are compns. of gas, sp. gr., and chloride content of water. B. Deklau

GABRIELYAN, A.G.

Developing layer B_1 of the Zhirnovskoye oil field. Neft. khoz. 35 no.10:32-39 O '57. (MIRA 11:1)
(Stalingrad Province--Petroleum engineering)

FEYGEL'SON, I.B.; GABRIELYAN, A.G.; SINYAGOVSKIY, I.N.

Distribution of saturation pressure in the B_1 layer of the Zhirnovsk oil field. Neft.khoz. 37 no.3:47-49 Mr '59. (MIRA 12:5)
(Stalingrad Province--Oil reservoir engineering)

GABRIELYAN, A.G.

Methods of prospecting for commercial oil fields in Stalingrad Province. Trudy VNII no.33:79-105 '61. (MIRA 16:7)

1. Stalingradskiy sovet narodnogo khozyaystva.
(Volgograd Province—Petroleum geology)

GABRIELYAN, A.G.; ROZANOV, L.N.; SEYFUL'-MULYUKOV, R.B.

Drilling extradeep wells in the northern Caspian Sea region.
Geol. nefti i gaza 5 no. 1:26-28 Ja '61. (MIRA 14:1)

1. Upravleniye Stalingradneftegaz, Stalingradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti. Kompleksnaya neftegazovaya geologicheskaya ekspeditsiya AN SSSR.
(Caspian Sea region—Oil well drilling)

GABRIELYAN, A.G.; KOTEL'NIKOV, V.M.; LAVRENT'YEVA, V.S.

Characteristics of carbonate reservoir rocks in Carboniferous sediments of Stalingrad Province. Geol. nefti i gaza 5 no. 3:29-34 Mr '61. (MIRA 14:4)

1. Upravleniye Stalingradneftegaz.
(Stalingrad Province—Rocks, Carbonate)

GABRIELYAN, A.G.; SINYAGOVSKIY, I.N.

Some unsolved problems in oil-field development. Geol. nefti i gaza 5 no. 5:8-12 My '61. (MIRA 14:4)

1. Stalingradskiy sovnarkhoz i Stalingradskiy nauchno-issledovatel'skiy neftegazovyy institut.
(Oil fields—Production methods)

GABRIELYAN, A.G.

Results of geological prospecting for oil and gas in 1960 and trends for 1961-1965 in Stalingrad Province. Geol.nefti i gaza 5 no.9:9-14 S '61. (MIRA 14:10)

1. Stalingradskiy sovnarkhoz.
(Volgograd Province--Petroleum geology)
(Volgograd Province--Gas, Nautral--Geology)

GABRIELYAN, A.G.

Formation of oil and gas pools in the Volga Valley portion of Volgograd Province. Trudy VNIING no.1:248-273 '62.
(MIRA 16:10)

GABRIELYAN, A.G.; GRABLIN, Ye.A.; ROZANOV, L.N.; SALOV, Yu.A.

Tectonic pattern of Volgograd Province. Geol. nefti i gaza 6 no.2:18-22 F '62. (MIRA 15:2)

1. Volgogradskiy sovnarkhoz.
(Volgograd Province--Geology, Structural--Maps)

GABRIELYAN, A.G.

Effect of reservoir properties of layers on the distribution of oil and gas pools in them. Gaz. prom. 8 no.7:13-15 '63. (MIRA 17:8)

BROD, I.O.; BEGISHEV, F.A.; GABRIELYAN, A.G.; OVANESOV, G.P.; SEYFUL'-MULYUKOV, R.B.; SHORNIKOV, B.Ya.; SHPIL'MAN, I.A.; KHANIN, I.L.

Oil and gas potential of the Volga-Ural region, the lower Volga Valley, and the Caspian salt-dome region as parts of the northern Caspian oil- and gas-bearing basin. [Trudy] NIIneftegaza no.10:5-16 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti; Upravleniya neftyanoy i gazovoy promyshlennosti Verkhne-Volzhskogo i Sredne-Volzhskogo sovetov narodnogo khozyaystva i i Orenburgskoye geologicheskoye upravleniye.

GABRIELYAN, A.G.

Oil and gas bearing prospects of the western borderland of the Caspian Lowland. Geol. nefti i gaza 9 no.1:8-12 Ja '65.
(MIRA 18:3)

1. Nizhne-Volzhskiy sovet narodnogo khozyaystva.

GABRILIYAN, A.M., ZHIRN, I.D.; KLIMOVA, L.T.; MAKAROVA, L.N.; TIKHONOVA, G.I.; SOLOMONIK, V.A.; ABRAMOVA, L.B.; TROFIMUK, I.A.; NIKITINA, R.G.; SARKISYAN, I.S.; GULYAYEVA, L.A., prof., otv. red.

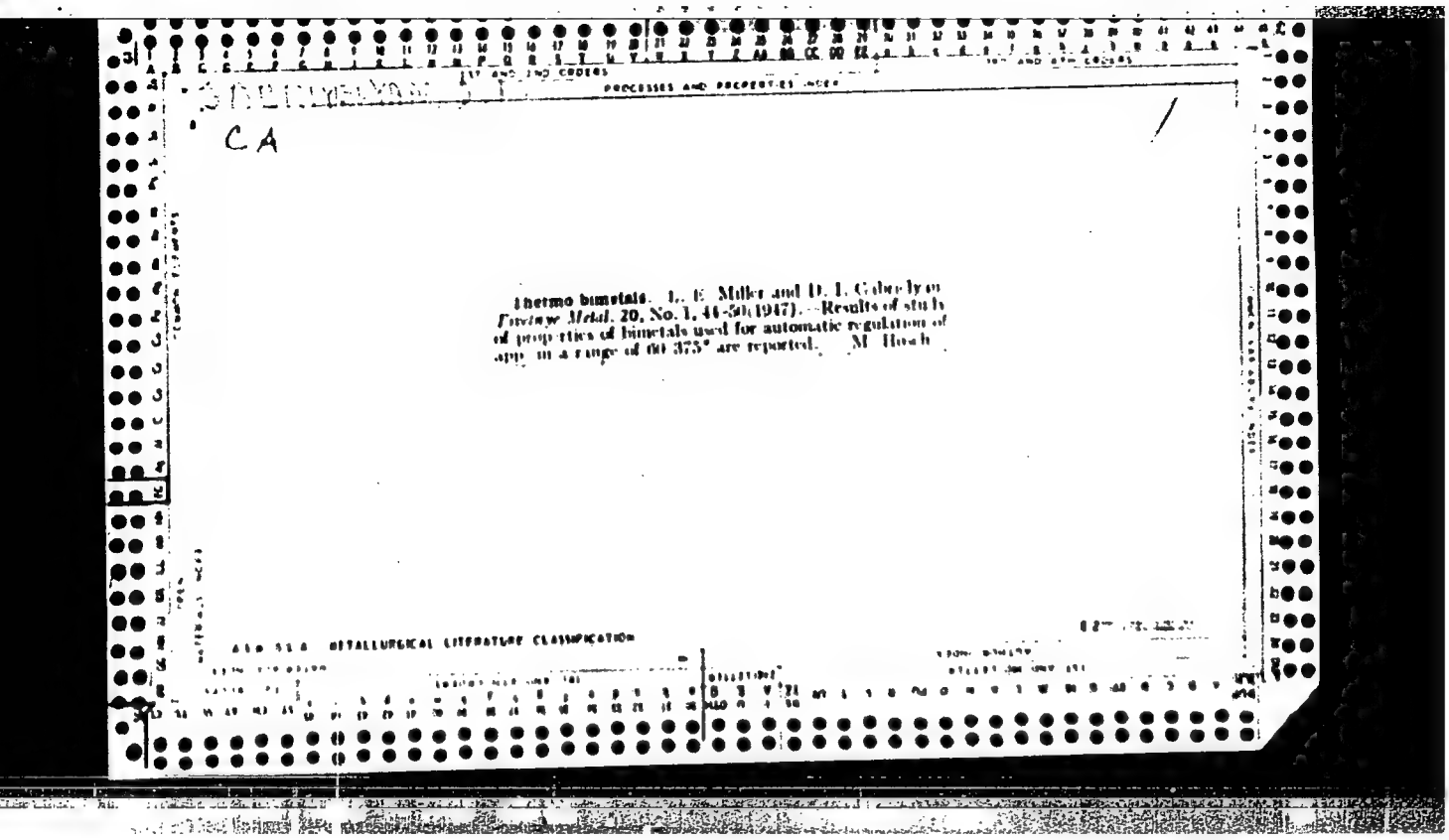
[Mesozoic and Cenozoic sediments of the Fergana and Issykkul' Depressions] Mezozoiskie i kainozoiskie otlozheniia Ferganskoi i Issyk-Kul'skoi vpadin. Moskva, Nauka, 1965. 259 p. (MIRA 18:4)

1. Moscow. Institut geologii i razrabotki goryuchikh iskopayemykh.

GABRIELYAN, A.S., kand.med.nauk (Leningrad)

Characteristics of the clinical syndrome of neurinomas of the acoustic nerve in relation to the shape of the skull. Vop. neirokhir. no.2:27-30 '62. (MIRA 15:3)

1. Iz kafedry neyrokhirurgii Leningradskogo instituta usovershenstvovaniya vrachey imeni S.M. Kirova i Neyrokhirurgicheskogo instituta imeni A.L. Polenova.
(ACOUSTIC NERVE--TUMORS) (SKULL)



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Thermo bimetals. L. E. Miller and D. L. Colwell, *Trans. Am. Soc. Metals*, 20, No. 1, 44-58 (1947).—Results of study of properties of bimetals used for automatic regulation of appl. in a range of 60-375° are reported. M. Hoch

METALLURGICAL LITERATURE CLASSIFICATION

Gabrielyan, D. I.

137-1957-12-25228

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 328 (USSR)

AUTHOR: Gabrielyan, D. I.

TITLE: Work and Investigations of the Institute for Precision Alloys (Razrabotki i issledovaniya instituta pretsizionnykh splavov)

PERIODICAL: Sb. tr. Tsentr. n.-i. in-t chernoy metallurgii, 1956, Nr 15, pp 5-10

ABSTRACT: An examination of problems in the investigation of precision alloys with high and low magnetic retentivity, resistance alloys, expansion alloys, alloys with good elastic properties, and bi-metals composed of alloys.

L. V.

1. Alloys-Development 2. Alloys-Properties-Analysis

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[illegible] D. I.

137-58-1-1782

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 242 (USSR)

AUTHORS: Borisova, A. K., Borodkina, M. M., Gabrielyan, D. I., Pridantseva, K. S., Solov'yeva, N. A.

TITLE: A New Alloy for Spiral Hair Springs in Clockworks (Novyy splav dlya spiral'nykh pruzhin (voloskov) chasovykh mekhanizmov)

PERIODICAL: Sb. tr. Tsentr. n.-i. in-t chernoy metallurgii 1956, Nr 15, pp 313-344

ABSTRACT: The effect of deformation and heat treatment on the phase composition and properties of N35KhMV (I) alloy, having a small variation in modulus of elasticity (E) with temperature, were investigated by microstructural, x-ray structural, and chemical phase analysis. It was found that insignificant variations in the composition of a solid solution from the optimal, with respect to Ni and other elements, results in an increase in the variation of E with temperature. I becomes stronger after deformation and tempering due to precipitation out of the γ-solid solution of dispersed carbides $(Cr, Fe, W, Mo)_7C_3$. Without preliminary cold working aging proceeds slowly. Heat treatment of watch hair springs made of I should strictly adhere to procedure. If

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37-58-1-1782

A New Alloy for Spiral Hair Springs in Clockworks

the temperature of heat treatment of a wire 0.3 mm in diameter is increased the solid solution becomes more highly alloyed and the hair springs become embrittled. I has been adopted for mass production of hair springs. Heat treatment (at 1000°) of wire made of I in vacuum will, if the shape is properly fixed, facilitate the production of high-quality hair springs at watch factories.

M. Sh.

1. Helical springs--Deformation 2. Helical springs--Properties 3. Helical springs--Test methods 4. Helical springs--Test results

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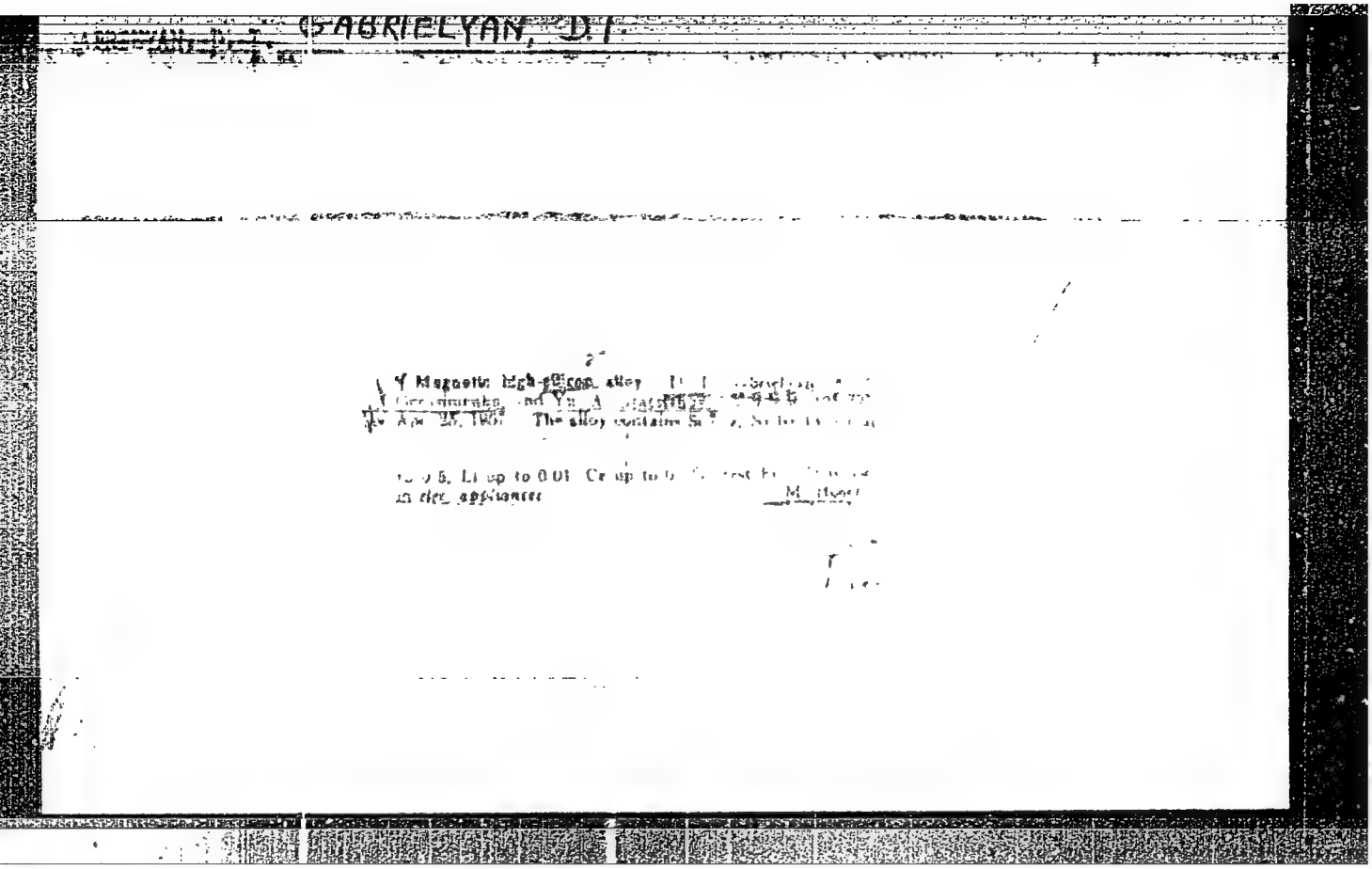

GABRIELYAN D.I.

PHASE I BOOK EXPLOITATION SOV/3940

Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Institut pretsizionnykh splavov

Pretsizionnyye splavy (Precision Alloys) Moscow, Metallurgizdat, 1959. 268 p. (Series: Its: Sbornik trudov, vyp. 22) 2,150 copies printed.

Additional Sponsoring Agency: USSR. Gosudarstvennyy planovyy komitet

Ed.: D. I. Gabrielyan; Ed. of Publishing House: Ye. I. Levit; Tech. Ed.: P. G. Islent'yeva.

PURPOSE: This collection of articles is intended for technical personnel and scientific workers in the metallurgical, instrument-manufacturing, and electrical-equipment-manufacturing industries. It may also be useful to students of schools of higher technical education.

COVERAGE: This collection of articles presents the results of studies of precision alloys made in recent years by the Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy). Properties of metal alloys which can be soldered (soft or hard) with glass and ceramic materials

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and alloys used for making springs are discussed. Anomalies of electrical resistance and thermal expansion and the effect of irradiation on properties of alloys are considered. Problems connected with the determination of magnetic susceptibility and with rolling of bimetallic strips are reviewed. An analysis of alloys used in manufacturing high-temperature transducers and strain gages is presented. No personalities are mentioned. References follow several of the articles.

TABLE OF CONTENTS:

PHASE I BOOK EXPLOITATION SOV/3895

Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Institut pretsizionnykh splavov

Pretsizionnyye splavy (Precision Alloys) Moscow, Metallurgizdat, 1960. 203 p. (Series: Its: Sbornik trudov, vyp. 25) Errata slip inserted. 2,525 copies printed.

Additional Sponsoring Agency: USSR. Gosudarstvennaya planovaya komissiya.

Ed.: D.I. Gabrielyan; Ed. of Publishing House: Ye.I. Levit, Tech. Ed.: Ye.B. Vaynshteyn.

PURPOSE: This book is intended for engineers and scientific personnel in the metallurgical, instrument-production, and electrical-equipment industries, as well as for industrial personnel engaged in the production of precision alloys. It may also be useful to students attending advanced technical schools.

COVERAGE: The articles in this collection present the results of investigations conducted in recent years by the Central Scientific Research Institute of Ferrous Metallurgy (Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii). The articles deal with industrial techniques of producing soft magnetic alloys, properties and structure of the alloys at extremely low temperatures and in high-frequency magnetic fields, deformation textures, magnetostriction, the galvanomagnetic effect, volume changes, etc. Some articles are concerned with the investigation of deformed hard magnetic alloys. No personalities are mentioned. The articles are accompanied by references, both Soviet and non-Soviet.

GARRIELYAN, D. I.; KLEVITSKAYA, G. Z.; [illegible]

Magnetically-soft precision alloys. Standartizatsiia 24 no.10:48-51 O '60. (MIRA 13:10)

(Alloys--Magnetic properties)

S/776/62/000/025/005/025

AUTHORS: Gabriel'yan, D.I., Lagvinov, P.K., Smirnova, L.G.

TITLE: The effect of transverse compressive stresses on the magnetic properties of soft magnetic materials.

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov. no. 25. Moscow, 1962. Pretsizionnyye splavy. pp. 86-95.

TEXT: The present experimental investigation was intended to determine the effect of elastic transverse compressive stresses on the magnetic properties of ferromagnetic materials in which such stresses, together with the intensity of the magnetic field and the temperature (T), are among the fundamental factors that determine the magnetic state of a substance. A special testing equipment for the present investigation was designed by the First Design-Engineering Bureau of the TsNIIChM (Central Scientific Research Institute of Ferrous Metallurgy) and was constructed in the Experimental Instrument Shop of the Institute. The pressure exerted on the specimen was produced by compressed air. The numerical data on the change in magnetic properties as a function of the stress are summarized in a full-page table, and the variations are shown in graphs. Most sensitive to mechani-

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cal stresses are the alloys 79HM (79NM), 79HMA (79NMA), 80HXC (80NKhS), also the alloy 65MP (65MP) which has a rectangular hysteresis loop. A comparatively great change in magnetic permeability, under an induction of 20 gauss, was observed in the alloy 16 Yu (16Yu). The smallest change in magnetic properties was noted in the alloy 6C (6S). Repeat determinations of the magnetic characteristics showed that in a number of cases a repeat run differed substantially from the results of the initial test, that is, prior to the imposition of the stress. The results of the repeat tests are tabulated separately. This presence of residual changes in the magnetic properties, following the action of loads that do not exceed the elastic limit, requires additional investigation. In a first approximation it appears probable that such a change is a consequence of irreversible changes in the domain structure of the alloys under the action of the stresses. There are 7 figures, 2 tables, and 7 references (3 Russian-language Soviet, 1 German, and 3 English-language, of which one in Russian translation).

L 38297-65 EWT(m)/EWA(c)/EWP(b)/T/EWA(d)/EWP(t)/EWP(w) Pad IJP(c) JD/HW

ACCESSION NR: AP5011512 UR/0286/64/000/023/0028/0029

AUTHOR: Kadykova, G. N.; Sosnin, V. V.; Gabrielyan, D. I.

TITLE: Transformer steel. Class 18, No. 166722

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1964, 28-29

TOPIC TAGS: electric steel, magnetic steel

ABSTRACT: A transformer steel with improved magnetic properties and a cubic texture is proposed with the following composition:

Element	%
Carbon	0.02
Silicon	2.7-4.0
Manganese	0.1-0.3
Nickel	0.5-1.5
Iron	balance

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. Bardina (Central Scientific Research Institute of Ferrous Metallurgy)

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GABRIELYAN, E. Ts.

"Caucasian Representatives of the Family Sorbus L." Cand Biol Sci, Inst of Botany imeni V. L. Komarov, Acad Sci USSR, Leningrad , 1 55. (KL, No 11, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

GABRIELYAN, E.TS.

A new species of mountain ash from Armenia. Dokl.AN Arm.SSR 22 no.2: 87-90 '56. (MLRA 9:7)

1.Botanicheskiy institut Akademii nauk Armyanskoy SSR. Predstavlena A.L.Takhtadzhyanom.
(Armenia--Ash(Tree))

GABRIELYAN, E. Ts.

GABRIELYAN, E.TS.

Fruit anatomy and floral morphology in Caucasian representatives of the genus Sorbus L. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 11 no.7:79-89 Jl '58. (MIRA 11:9)

1. Botanicheskiy institut AN ArmSSR.
(Fruit--Anatomy) (Flowers--Morphology)

GABRIELYAN, E.TS.

Recent finds of new grasses in the flora of Armenia. Izv.AN Arm.SSR.Biol.nauki 12 no.4:17-20 Ap '59. (MIRA 12:9)

1. Botanicheskiy institut Akademii nauk ArmSSR.
(ARMENIA--GRASSES)

GABRIELYAN, E.TS.

Comments on the genus Rhizocephalus Boiss. (Graminae). Dokl.AN Arm.SSR 28 no.1:35-39 '59. (MIRA 12:7)

1. Botanicheskiy institut AN ArmSSR. Predstavlono akademikom AN Arm.SSR V.O.Gulkanyanom.
(Rhizocephalus)

KHARKEVICH, S.S.; GABRIELYAN, E.TS.

Botanical excursion to the Soviet Carpathians; comparing the floras of the Soviet Carpathians and the Caucasus. Izv. AN Arm. SSR. Biol. nauki 13 no.6:13-30 Je '60. (MIRA 13:8)

1. Botanicheskiy sad AN USSR, Kiyev, i Botanicheskiy institut AN ArmSSR, Yerevan.
(CARPATHIAN MOUNTAINS—BOTANY) (CAUCASUS—BOTANY)

GABRIELYAN, E.TS.; YELENEVSKIY, A.G.

Some remarkable features of the flora and vegetation of Mount Khustup (Zangezur). Izv. AN Arm. SSR. Biol. nauki 14 no.1:41-47 Ja '61. (MIRA 14:3)

1. Botanicheskiy institut AN Armyanskoy SSR i Moskovskiy Gosudarstvennyy pedagogicheskiy institut im. Lenina.
(KAFAN DISTRICT—BOTANY)

GABRIELYAN, E.TS.

Some new and rare plants in the flora of Armenia. Izv. AN Arm. SSR. Biol. nauki 14 no.6:91-93 '61. (MIRA 14:10)

1. Botanicheskiy institut AN Armyanskoy SSR.
(ARMENIA--BOTANY)

GABRIELYAN, E.TS.

Critical notes on some Caucasian species of the genus Poa L.
Izv. AN Arm. SSR. Biol. nauki 14 no.8:71-76 Ag '61. (MIRA 14:9)
(CAUCASUS—MEADOW GRASS)

GABRIELYAN, E.TS.

Review of the species of the genus Sorbus L. in Turkey.
Izv. AN Arm. SSR. Biol. nauki 15 no.3:61-71 '62. (MIRA 15:4)

1. Botanicheskiy institut AN Armyanskoy SSR.
(TURKEY--SORBUS)

AGABABYAN, V.Sh.; GABRIELYAN, E.TS.

Genera Althaea L. and Alcea L. in their systemic interrelationships. Trudy Bot. inst. AN Arm.SSR 14:49-64 '64. (MIRA 18:3)

GABRIELYAN, E.TS.

Species of the genus Thesium L. (Santalaceae) in Armenia.
Izv. AN Arm. SSR. Biol. nauki 17 no.12:101-103 D '64.
(MIRA 18:3)

1. Botanicheskiy institut AN Armyanskoy SSR.

GABRIELYAN, E.Ts.

Taxonomy of some nations of the Caucasus. Izv. AN Arm. SSR. Biol. nauki 18 no.5:80-84 My '65. (MIRA 18:7)

1. Botanicheskiy institut AN Armyanskoy SSR.

L 46144-66 EWT(m)/EWP(j)/T IJP(c) WW/RM
ACC NR: AP6026737 (A) SOURCE CODE: UR/0183/66/000/003/0027/0030

AUTHOR: Rogovin, Z. A.; Tyuganova, M. A.; Gabrielyan, G. A.; Konnova, N. F.

ORG: MTI

TITLE: Preparation of fireproof viscose and polyacrylonitrile fibers

SOURCE: Khimicheskiye volokna, no. 3, 1966, 27-30

TOPIC TAGS: polyacrylonitrile, synthetic fiber, cellulose, cellulose plastic, heat resistant material

ABSTRACT: Preparation of fireproof phosphorus-containing fibers by means of a base catalyzed reaction of dimethylphosphite with aldehyde groups containing modified cellulose and polyacrylonitrile was studied. In the case of modified cellulose, the reaction temperature was 80-120°C, its duration was 1-4 hours, the catalyst [$HN(C_2H_5)_2$, $N(C_2H_5)_3$, solid NaOH, 30%-aqueous NaOH, or 23%-NH_4OH] concentration was 1 wt % based on the starting total charge, and the starting dialdehydecellulose contained 5.96% aldehyde groups. The phosphorus content in the product was 0-7.6% and the degree of aldehyde group utilization was 25-70%. Similar reaction conditions were also used in the reaction of dimethylphosphite with modified polyacrylonitrile. The product structures were confirmed by the IR spectroscopy. The product fibers with phosphorus contents greater than 3.5 wt % were found to be incombustible and fire-resistant. It

UDC: 677.46.021.212

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L 46144-66

ACC NR: AP6026737

was also found that the product fiber had excellent mechanical properties (tensile strength and elasticity). Orig. art. has: 2 figures, 3 tables.

SUB CODE: 11/ 07/ SUBM DATE: 26Mar65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 fdk

ACC NR: AP7005629 (A) SOURCE CODE: UR/0413/67/000/002/0086/0087

INVENTOR: Rogovin, Z.A.; Tyuganova, M.A.; Gabrielyan, G.A.

ORG: none

TITLE: Preparative method for nonburning nitrile group—containing polymers and copolymers. Class 39, No. 190564

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 86-87

TOPIC TAGS: fire resistant material, polymer, copolymer, organic phosphorus compound, ORGANIC NITRILE COMPOUND

ABSTRACT: An Author Certificate has been issued for a method of preparing nonburning nitrile group-containing polymers and copolymers, involving their treatment with dimethyl hydrogen phosphite in the presence of such catalysts as diethyl- or triethylamine. The phosphite can be used in the form of a solution in an organic solvent. [BO]

SUB CODE: 11, 07/ SUBM DATE: 08Dec64/ ATD PRESS: 5115

Card 1/1 UDC: 677.499.862.516.22 :546.183

AKOPYAN, A.M.; GABRIELYAN, G.A

Chemistry of divinylacetylene and its halogen derivatives. Report No.3: Syntheses based on 1,2,3,4,5,6-hexabromo-3-hexene. Izv. AN Arm. SSR Khim. nauki 13 no.2/3:165-171 '60. (MIRA 13:10)

1. Institut organicheskoy khimii AN ArmSSR.
(Hexene) (Hexadiene) (Hextriene)

GABRIELYANTS, G.A.; RAYEVSKIY, M.I.

Results of the work of the Board of Geology and Conservation of Mineral Resources at the Council of Ministers of the Turkmen S.S.R. in 1962. Izv. AN Turk. SSR. Ser.fiz.-tekh., khim. i Geol.nauk no. 4:124-127 '63.

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov Turkmenskoy SSR.

GABRIYELYAN, G. G.

USSR

Relations between intensively aging and young leaves of plants in the processes of aging. E. S. Avundshyan and G. G. Gabrielyan. *Doklady Akad. Nauk Armyan. S.S.R.* 19 53-7(in Russian; Armenian summary, 57)(1954).—Detn. of sol. sugars and enzyme activity in leaves of *Perilla* which were so treated that the upper leaves were exposed to light for 10 hrs. only while the lower leaves were exposed to light for the normal long day (length unstated) showed the following results. The long-exposure leaves of the expt. plants show a predominance of reducing sugars, while the control leaves gave predominantly sucrose. Invertase acts mostly in the hydrolytic direction in the expt. plants, while the synthetic activity predominates in the controls. The short-exposure leaves show higher peroxidase and catalase activities than do the control leaves. The accumulation of dry matter is more energetic in the expt. plants than in the controls. The short light periods on the upper leaves accelerate the flowering of the upper buds and accelerate the flow of nutrients from the leaves and especially from the lower long-exposure leaves; this is not observed in the control plants. If all growing points of *Perilla* are removed, there are accumulated in the course of growth considerable amts. of sol. sugars, with considerable synthetic activity by invertase; if the growing points are left intact the leaves become poor in sol. sugars, with low synthetic activity of invertase. If the flow from leaves to the roots is disturbed by ringing, the synthetic activity of invertase is greatly increased and the leaves of such plants are very rich in sucrose and sol. sugars.

G. M. Kosolapoff

Botanicheskiy institut
Akademii nauk Armyanskoy
SSR.

GABRIELYAN, G. G.

Combined motion of carbohydrates and phosphorus in plants. V. O. Kazaryan, B. S. Avundzhyan, and G. G. Gabrielyan. *Doklady Akad. Nauk Armyan. S.S.R.* 20, 197-201(1955)(in Russian; Armenian summary).—P^{32} tracing in specimens of laurel and maple in which the labeled P was introduced after ringing either through the leaves or through the roots indicates that P can move from lower to upper leaves even in the presence of the cut ring; here P moves to the roots and then rises to the upper leaves through the inner parts of the stem. If the cuts are made directly above and below a given leaf, the transmission of P from that leaf ceases, however, indicating that P migration requires formation of org. derivs., probably carbohydrates. The distribution of P is such that it correlates in all parts of the plant with the motion and requirements of carbohydrates. Motion of P from green to etiolated parts is directly connected with motion of carbohydrates, specifically the sol. carbohydrates.

G. M. Kosolapoff

GABRIELYAN, G. G.

USSR / Plant Physiology. Respiration and Metabolism. I 1

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 99893

Author : Kazaryan, V., and Gabrielyan, G. G.
Inst : Academy of Sciences Armenian SSR
Title : Role of Phelloderm in the Translocation of Plastic Substances in Plants.

Orig Pub : Dokl. AN ArmSSR, 24, No 4, 183-188, 1956

Abstract : By means of an especially designed interstitial gas analyzer the authors assayed the composition of the interstitial gases of the peduncles and green stalks of dahlia and the leaf peduncles of hollyhock following their 16 and 24-hour exposure to darkness or to light. The decrease in the content of CO_2 and the increase in that of O_2 at exposure to light attests to the utilization of interstitial CO_2 in the process of the photosynthesis of the chlorophyll-rich phelloderm. Experiments with $C^{14}O_2$ showed that the principal

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Abs Jour : Ref Zhur - Biol., No 22, 1958, No 99893

source of CO_2 in the green stalks of two-year shoots of willow, ash and box elder, is interstitial rather than atmospheric. The authors' assumption that the interstitial CO_2 is produced through the respiration of the phloem was corroborated in experiments with the peduncles of walnut. Morphologically the lower ends of the peduncles were cleaned from phellodorm and xylem and immersed in a solution of radioactive glycol for 120 or 15 (illegible) minutes. After 24 hour exposure of peduncles to light or to darkness, the radioactivity of phellodorm was determined. The peduncles exposed to light displayed a radioactivity 24 times higher than those exposed to darkness. The authors explain this as follows: glycocol serves as a respiratory material, undergoes deaminization, and releases CO_2 which is thereupon assimilated by the cells of the phellodorm in the process of the photosynthesis. In this connection, the phellodorm's cells release the O_2 necessary for the respiration of the phloem. -- M. B. Shternberg.

Card 2/2

USSR/Plant Physiology. Photosynthesis I

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58176

Author : Kazaryan V. O., Gabrielyan G. G., Agababyan V.Sh
Inst : Academy of Sciences, Armenian SSR
Title : On the Connection Between Photosynthesis and the Energy of Chlorophyll Restoration

Orig Pub : Dokl. AN Arm SSR, 1957, 24, No 5, 225-230

Abstract : The leaves of the red-leafed short-lived perilla taken from vegetating and flowering plants, and from plants which finished blossoming were immersed in water and then placed for a period of 64 hours under continuous illumination in a gasometric chamber containing $C^{14}O_2$. The radioactivity of chlorophyll (a and b) in the leaves was determined separately. A direct correlation between the quantity of chlorophyll and the $C^{14}O_2$

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USSR/Plant Physiology. Photosynthesis I

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58176

Abstract : absorbed by the leaves was established. Before the flowering phase the quantity of chlorophyll and of photosynthetic activity in the leaf increased. After the flowering, photosynthetic activity in the leaf continued to increase, but the quantity of chlorophyll declined. The photosynthetic activity in the leaf depended on the degree of chlorophyll restoration which was determined by the degree of correlation of total radioactivity of the chlorophyll and its quantity. Chlorophyll b was restored with grater energy than chlorophyll a. As the leaf grew older the decomposition of chlorophyll increased as a result of the intensification of the energy with which chlorophyll molecules were restored. With the unset of time and the phase of final decomposition, each unit of chlorophyll exhibited a maximal photosynthetic activity.

Card 2/2

AGABABYAN, V. Sh.; GABRIELYAN, G. G.

"Taxonomical relationship in Althaea and Alcea."

report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.

AS ArSSR, Yerevan.

GABRIELYAN, Grachiya Karapetovich

[Weathering processes of the volcanic highland in the Armenian S.S.R.] [Protsessy vyvetrivaniia vulkanicheskogo nagor'ia Armianskoi SSR. Erevan, Izd-vo Erevanskogo gos. univ.] 1962. 122 p. [In Armenian] (MIRA 17:4)

GABRIYELYAN, G.K.; BOZOYAN, O.A.

Chemical composition of the atmospheric water of volcanic Armenian Highland. Vest. Mosk. un. Ser.5: Geog. 19 no.5:72-75 S-O '64.
(MIRA 18:1)

GABRIYELYAN, G.K.

Some results of the study of the chemical denudation in the Volcanic Highland of the Armenian S.S.R. Dokl. AN Arm. SSR 40 no.5:295-299 '65. (MIRA 18:7)

1. Yerevanskiy gosudarstvennyy universitet.

GABRIELYAN, M. T. Prof.

"Neuralgia (Irritative Neuritis) of the Wandering Nerve," Klin. Med., 27, No.6, 1949

Clinic Nervous Diseases, Yaroslavl' Med. Inst.

GABRIELYAN, M. I.

USSR / Pharmacology, Toxicology. General Problems. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42199.

Author : Gabrielyan, M. I.
Inst : Samarkand Medical Institute.
Title : The Course of Exanthematous Typhus in Various Functional Conditions of the Cerebral Cortex.

Orig Pub: Nauchn. tr. Samarkandsk, med. in-t, 1956, 12, 79-83.

Abstract: Guinea pigs, infected with Rickettsia of Exanthematous Typhus, were given, once or twice daily, for a period of 5 days, injections of 1ml of a 5% solution of barbamyl. It was demonstrated that barbamyl narcosis does not intensify the development of peritoneal rickettsiosis. In a series of experiments in which infected guinea pigs received 1ml doses of a 10% solution of caffeine, an aggravation of the course of experimental exanthematous typhus, and

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GABRIELYAN, M.I., dotsent; SAL'KOVA, A.D., ordinator

Diphtherial affections of the nervous system as shown by data of the Clinic for Nervous Diseases of the Samarkand Medical Institute. Med.zhur.Uzb. no.10:18-20 O '58. (MIRA 13:6)
(DIPHTHERIA) (NERVOUS SYSTEM--DISEASES)

GABRIELYAN, M.I.; TAMBOVTSEVA, V.G.

Clinical aspects and pathogenesis of recurrent paralysis of the cerebrocranial nerves. Zhur.nevr.i psikh. 60 no.1:50-52 '60. (MIRA 13:6)

1. Klinika nervnykh bolezney (zav. - dotsent M.I. Gabrielyan) Samarkandskogo meditsinskogo instituta imeni Pavlova.
(CRANIAL NERVES dis.)
(PARALYSIS)

GABRIEL'YAN, M.I.; SAMIBAYEV, M.Kh.; SHAMGUNOVA, S.B.

Analysis of vascular diseases of the brain as revealed by data from the Clinic for Nervous Diseases of the Samarkand Medical Institute. Zhur. nevr. i psikh. 61 no.5:705-706 '61. (MIRA 14:7)

1. Kafedra nervnykh bolezney Samarkandskogo meditsinskogo instituta imeni I.P.Pavlova.

(BRAIN—DISEASES)

GABRIELYAN, M.I., dotsent; SANYUKOVICH, N.B., ordinator

Acousticomyelitic syndrome in brucellosis. Med. zhur. Uzb. no.5:19-21 My '60. (MIRA 15:3)

1. Iz kliniki nervnykh bolezney Samarkandskogo gosudarstvennogo meditsinskogo instituta imeni I.P. Pavlova.
(SPINAL CORD--DISEASES)
(DEAFNESS)
(BRUCELLOSIS)

MTINGOF, R.N.; GABRIELYAN, N.D.

Hexokinase activity in cells of tissue cultures. Biokhimiia 24 no.6:1104-1108 N-D '59. (MIRA 13:5)

1. Biochemical Laboratory, Poliomyelitis Institute, Academy of Medical Sciences of the U.S.S.R., Moscow.
(TISSUE CULTURE)
(KINASES metab.)

GABRIELYAN, N.D.; NOVIKOVA, M.A.; ZHDANOV, G.L.

Capacity of uridinediphosphoglucose analogs to take part in the biosynthesis of saccharose. Dokl. AN SSSR 151 no.6:1453-1455 Ag '63. (MIRA 16:10)

1. Institut khimii prirodnykh soyedineniy AN SSSR. Predstavleno akademikom M.M.Shemyakinym.

GABRIELYAN, N.D.; VENKINA, A.V.

Analogs of uridine diphosphate glucose in the reaction with dehydrogenase of uridine diphosphate α-D-glucopyranose. Dokl. AN SSSR 156 no.6:1379-1381 Je '64.

(MIRA 17:8)

1. Institut khimii prirodnykh soyedineniy AN SSSR. Predstavleno akademikom M.M. Shemyakinym.

GABRIELYAN, N.D.; VENKINA, A.V.

Participation of synthetic analogs of uridinediphosphoglucose in arbutin synthesis. Dokl. AN SSSR 165 no.2:439-442 N '65.
(MIRA 18:11)

1. Institut khimii prirodynkh soyedineniy AN SSSR. Submitted October 13, 1964.

GABRIYELYAN, R.A., insh.

Shortcomings in the design of the D-374 scraper. Mekh. stroi. 17 no.9:27-28 S '60. (MIRA 13:9)
(Scrapers)

GABRIYELYAN, R.A., inzh.

Coupling two KDM-100 diesel engines. Avt.dor. 23 no.11: 29 N'60. (MIRA 13:11)

(Diesel engines)

ARTYUNYAN, R.K., kand. biol. nauk; GABRIELYAN, N.A., mladshiy nauchnyy sotrudnik; AMBARTSUMYAN, S.G., mladshiy nauchnyy sotrudnik

Effect of direct current on the blood catalase activity in irradiated rats. Vop. radiobiol. [AN Arm. SSR] 3/4:289-291 '63.

(MIRA 17:6)

GABRIL'YAN, R.A.; PANOVA, N.S.

Studying the paleogeochemical conditions governing the formation of the Kyzyl Kum Cretaceous sediments. Neftegaz. geol. o geofiz. no.8:37-44 '63. (MIRA 17:3)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN Uzbekskoy SSR.